



SHEET 1 of 3

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27013/38150	Serial No. 10/042,526
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>		<b>COPY OF PAPERS ORIGINALLY FILED</b>	
		Applicant Müller and Gissman	
		Filing Date 1-8-2002	Group 1648

## U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
AS	A1	5,855,891	1-5-98 <sup>q</sup>	Low, et al.			

A.S.  
4/28/05

## FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
AS	B1	WO 94/00152	01-06-94	PCT				
	B2	WO 93/02184	02-04-93	PCT				
	B3	WO 93-20844	10-28-93	PCT				
	B4	DE 4435907 A	4-11-96	Germany				
	B5	WO 99/10557	1-14-99	PCT				
	B6	WO 98/42847	10-1-98	PCT				
✓	B7	WO 96/11274	4-18-96	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AS	C1	Altmann, et al., "Towards HPV Vaccination," <i>Viruses and Cancer</i> , Minson et al., (eds.) Cambridge University Press, (1994) pp. 71-80
	C2	Arbeit, et al., "Progressive Squamous Epithelial Neoplasia in K14-Human Papillomavirus Type 16 Transgenic Mice," <i>J. Virol.</i> 68:4358-4364 (1994)
	C3	Auewarakul, et al., "Targeted Expression of the E6 and E7 Oncogenes of Human Papillomavirus Type 16 in the epidermis of Transgenic Mice Elicits Generalized Epidermal Hyperplasia Involving Autocrine Factors," <i>Mol. Cell. Biol.</i> 14:8250-8258 (1994)
↓	C4	Ausebel, et al., (eds.), <i>Protocols in Molecular Biology</i> , John Wiley & sons, Inc. (1994-1997)



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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AJ	C5	Barbosa, <i>et al.</i> , "In Vitro Biological Activities of the E6 and E7 Genes Vary among Human Papillomaviruses of Different Oncogenic Potential," <i>J. Virol.</i> 65:292-298 (1991)
	C6	Campo, "Vaccination Against Papillomavirus in Cattle," <i>Curr. Top. in Microbiol. and Immunol.</i> 186:225-266 (1994)
	C7	Crum, "Human Papillomavirus Type 16 and Early Cervical Neoplasia," <i>New Eng. J. Med.</i> 310:880-883 (1984)
	C8	Ikenberg, "Human Papillomavirus DNA in Invasive Genital Carcinomas," In Gross, <i>et al.</i> , (eds.) <i>Genital Papillomavirus Infections</i> , Springer Verlag: Berlin, pp. 87-112
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	C10	Kimbauer, <i>et al.</i> , "Papillomavirus L1 major capsid protein self-assembles into virus-like particles that are highly immunogenic," <i>Proc. Natl. Acad. Sci (USA)</i> , 99:12180-12814 (1992)
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	C12	Li, <i>et al.</i> , "Expression of the Human Papillomavirus Type 11 L1 Capsid Protein in <i>Escherichia coli</i> : Characterization of Protein Domains Involved in DNA Binding and Capsid Assembly," <i>J. Virol.</i> 71:2988-2995 (1997)
	C13	Prober, <i>et al.</i> , "A System of Rapid DNA Sequencing with Fluorescent Chain-Terminating Dideoxynucleotides," <i>Science</i> 238:336-341 (1987)
	C14	Rose, <i>et al.</i> , "Expressing of Human Papillomavirus Type 11 L1 Protein in Insect Cells: In Vitro and In Vitro Assembly of Virus like Particles," <i>J. Virol.</i> 67(4):1936-1944 (1992)
	C15	Sambrook, <i>et al.</i> , (eds.), <i>Molecular Cloning: A Laboratory Manual</i> , Cold Spring Harbor Press: Cold Spring Harbor, NY (1989)
	C16	Sasagawa, <i>et al.</i> , "Synthesis and Assembly of Virus-like Particles of Human Papillomaviruses Type 6 and Type 16 in Fission Yeast <i>Schizosaccharomyces pombe</i> ," <i>Virology</i> 206:126-195 (1995)
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AS	C19	Tindle and Frazer, "Immune Response to Human Papillomaviruses and the Prospects for Human Papillomavirus-Specification Immunisation," <i>Curr. Top. In Microbiol. and Immunol.</i> 186:217-253 (1994)
	C20	Wettstein, <i>et al.</i> , "State of Viral DNA and Gene Expression in Benign vs. Malignant Tumors," Papilloma Viruses and Human Cancer, Pfister (Ed.), CRC Press: Boca Raton, FL 1990, pp. 155-179
	C21	Zhou, <i>et al.</i> , "Expression of Vaccinia Recombinant HPV 16 L1 and L2 ORF Proteins in Epithelial Cells is Sufficient for Assembly of HPV Virion-like Particles," <i>Virology</i> 185:251-257 (1991)
	C22	Zhou, <i>et al.</i> , "Synthesis and assembly of infectious bovine papillomavirus particles <i>in vitro</i> ," <i>J. Gen. Virol.</i> 74:762-769 (1993)
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	C24	Müller, <i>et al.</i> , "Chimeric Papillomavirus-like Particle," <i>Virol.</i> 234:93-111 (1997)
	C25	Painstil, <i>et al.</i> , "Carboxyl Terminus of Bovine Papillomavirus Type-1 L1 Protein is Not Required for Capsid Formation," <i>Virol.</i> 223:238-244 (1996)
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EXAMINER

DATE CONSIDERED

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.